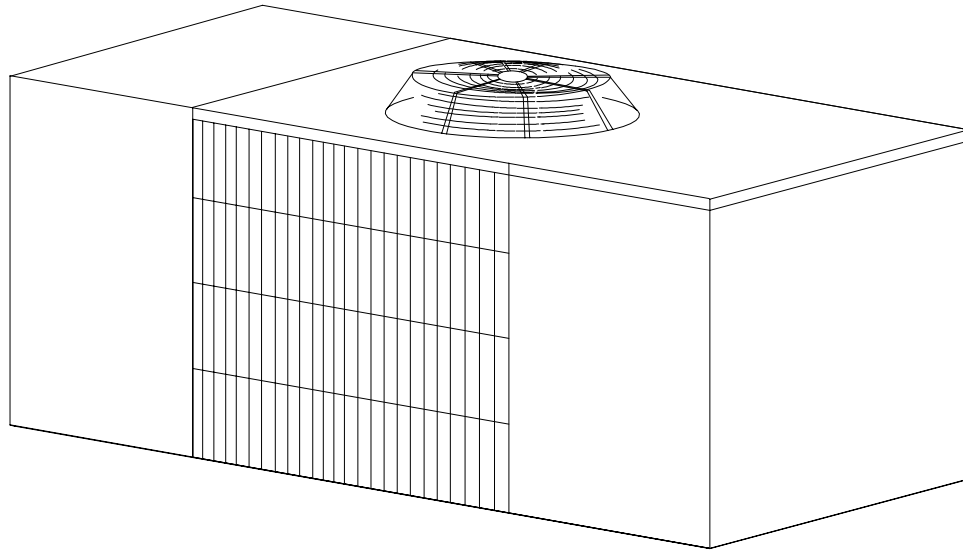




Keeping Business in Business

Process Fluid Chiller Designed for Marconi Medical Eclipse, Polaris, PD100/150, PD200, Apollo



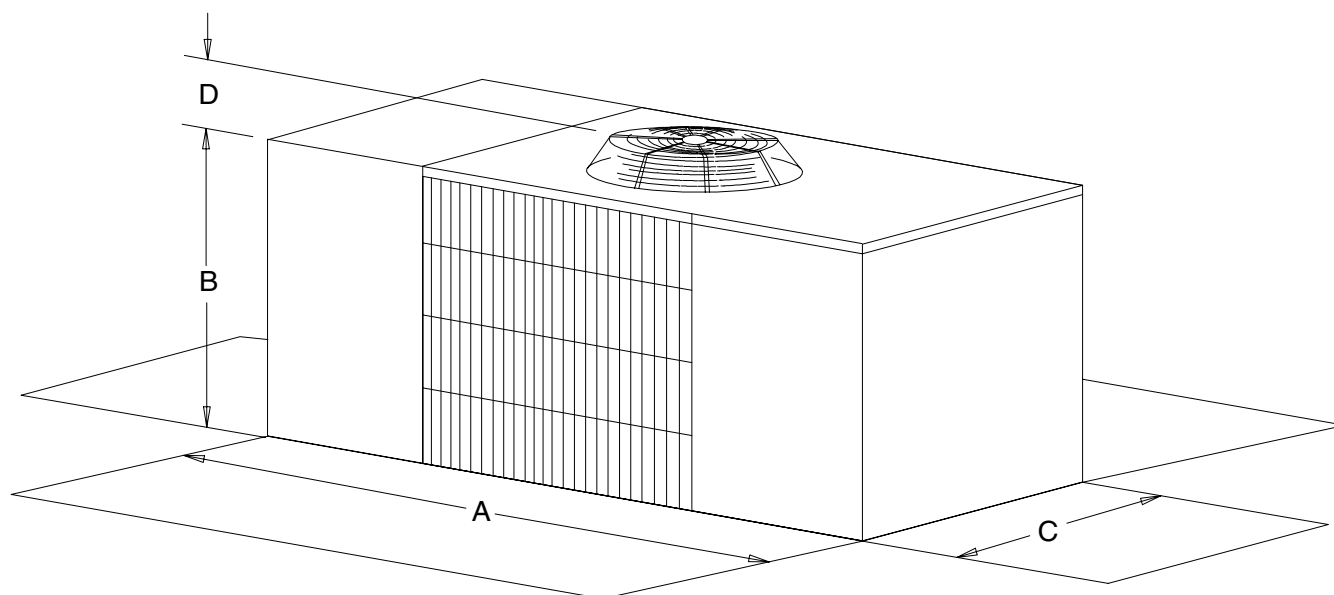
- Dedicated, equipment-matched cooling supplies the proper temperature and water flow year round.
- Factory-tested, piped, wired and charged for hassle-free startup and operation.
- Clean, non-ferrous cooling loop, required for sensitive medical equipment.
- Local service and parts for quick and knowledgeable maintenance and service.
- Optional switch-over to alternate water source provides redundant, continuous operation.
- Optional remote monitoring systems keep you informed of chiller operation.
- UL/CSA certified.
- ISO 9001 certified company.

Eclipse/Polaris Specifications

Fluid Specified	Glycol
Max Heat Dissipation—BTUH (kW)	75,000 (22)
Fluid Temperature Range—°F (°C)	50-55 (10-13)
Fluid Flow Rate—GPM (l/m)	15.0 (57.0)
Fluid Pressure Drop—PSI (kPa)	65.0 (448.0)

Process Fluid Chiller Specifications

Model Number	PS096A	PS096A	PS096A
Fluid Circulated	Water	Ethylene Glycol	Propylene Glycol
Net Cooling Capacity—BTUH (kW)	83,400 (24.4)	79,000 (23.1)	75,600 (22.2)
Leaving Fluid Temperature—°F (°C)	50 (10)	50 (10)	50 (10)
Fluid Flow Rate—GPM (l/m)	15 (57)	15 (57)	15 (57)
Eclipse/Polaris Pressure Drop—PSI (kPa)	65 (448)	65 (448)	65 (448)
Chiller Pressure Drop—PSI (kPa)	7.6 (52.4)	10.2 (70.3)	12.0 (82.7)
Pump Total Head—PSI (kPa)	86.5 (596.4)	86.5 (596.4)	86.5 (596.4)
Head Available for Piping Circuit—PSI (kPa)	13.9 (95.8)	11.3 (77.9)	9.5 (65.5)
Pump HP (kW)	2 (1.5)	2 (1.5)	2 (1.5)



Model No.	A - Width Inches (mm)	B - Height Inches (mm)	C - Depth Inches (mm)	D	Weight Lbs. (kg)	Voltage (60 Hz)
PS096A	77 (1956)	40 (1016)	38.5 (978)	5.5 (140)	750 (340)	460, 3-phase; 208/230, 3-phase
PS096A	77 (1956)	40 (1016)	38.5 (978)	5.5 (140)	750 (340)	460, 3-phase; 208/230, 3-phase

Standard Features

- Indoor/outdoor cabinet
- Hermetic compressor
- Refrigerant dehydrator
- Expansion valve
- Refrigerant receiver
- Stainless steel fluid reservoir expansion tank
- Pressure relief valve
- Hot gas bypass valve capacity control
- Stainless steel pump

Optional Features

- Refrigerant gauges and reservoir heater

Accessories

- Emergency water bypass
- Enviro-source emergency bypass
- Water level control and alarm system
- Fluid pressure gauge
- Check valve
- Dial thermometer
- Relief valve
- Circuit Setter

Required Options

- Multistage, high-head pump
- Part #154650G1—Wallbox with flow meter, filter, thermometers, flow switch and ball valves

Note: Contact Liebert Application Engineering for gradient upgrades or Medical Marconi systems without heat exchangers.



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